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53-7

11 February 1966

NOTES FROM BRIEFING ON NEW WEAPONS

Briefers: Col. Moeter, in charge
Col. Holland (Reconnaissance)
Col. Early (Development Work in Reconnaissance)
Col. Partin (AFR-DDA) -- Area Denial Weapons

I. AREA DENIAL WEAPONS

A. Anti-Personnel

1. DRAGONTOOTH -- this is a small weapon that will not be in production until September 1966.
Detonates with 30 lb. pressure.
Self-neutralizing in 7-8 hrs.

2. ^{Wide-area}
TRIPWIRE MINE -- this mine will (TFDM Dispenser)
penetrate jungle canopy.

It has 8 wires each giving out 25'.

An F-4 with 16 TFDM cannisters will give 40 miles of pattern several hundred feet in width of 50% probability.

With a ^Hayes Dispenser (SUU-24) in a B-47 or B-52 the pattern with 50% probability will be 100 miles long and 3800 ft. wide. *76% : 3800' wide by 34 miles long*

This model will sterilize, by self-detonation in 144 hours. They are trying to get it up to 1,000 hours.

There is a crash program to get this to the field in South east Asia. They hope to have a short-shelf life (~~less~~ *less than 10 years*) model in production by December 1966. *If not possible ... 12 months*

B. Anti-Tank Land Mine (in engineering)

This mine works on a magnetic field.

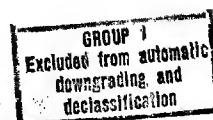
It buries itself at about 3'. Ideal for getting a tank. Will work on a truck except that the magnetic field for a truck is smaller.

Weapon self-destructs in 12/48/or 72 hours.

It will be a good year before this is in production.

USAF Declass/Release Instructions On File

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C. FMU-30-B Land Mine Fuse

This fuse self-destructs in 84 hours. It digs in 5'. It will take out trains, trucks, etc. Makes a 32' crater.

It has a counting capability from 1 to 4.

To be operable in March 1966.

Designed for use with MLU-10 mine (750 lb.)
Can also be used with Mach 81 (250 lb.) bomb
or Mach 82 (500 lb.) bomb
or any standard-fuse bombs.

March 83 2000

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